

12/05/01

Case No. 72165

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PATENT APPLICATIONS, ASSISTANT  
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EXPRESS MAIL NO.: EL 846882224 US

DATE OF DEPOSIT: December 5, 2001

NAME: JoEllen Murphy

SIGNATURE: *JoEllen Murphy*Transmitted herewith for filing is the patent  
application of:Inventor: Martin GARZA, Joe LUNA, Mark Jefferies OGDEN, James Ernest OWEN,  
James Denson WILSON, Jr.For: INJECTION OF SELECTED NUMBERS OF ERRORS IN RETURNED LOOPBACK DATA  
TO PROVIDE GRAY-SCALE TYPE QUANTIFICATION OF LOOP PERFORMANCE  
MEASUREMENTS

## Please note the following:

- ☒ Patent Application: 15 pages, 12 claims.  
5 sheets of drawings.  
The suggested drawing figure to be published is FIG. 1  
A declaration and power of attorney.  
Citation Under 37 CFR 1.97 and PTO-1449.  
Applicant qualifies as a small entity under 37 CFR § 1.27.  
Assignee info:  
Name: Adtran, Inc.  
Address: 901 Explorer Blvd., PO Box 140000, Huntsville, AL 35814  
State of Incorporation: Delaware  
☐ Applicant claims priority benefit to the following foreign application(s):  
Country: \*\*\*\*\*  
Application No.: \*\*\*\*\*  
Filing Date: \*\*\*\*\*  
☐ Applicant claims priority benefit to the following U.S. application(s):  
Application No.: \*\*\*\*\*  
Filing Date: \*\*\*\*\*

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)		SMALL ENTITY			LARGE ENTITY	
FOR:	# FILED		# EXTRA		RATE	FEE		RATE	FEE
BASIC FEE						\$ 355	OR		\$ 740
TOTAL CLAIMS	12	-20	0		X 9	\$	OR	X 18	\$
INDEP CLAIMS	2	- 3	0		X 40	\$	OR	X 80	\$
* If the difference in Col. 1 is less than "0", enter "0" in Col. 2.					TOTAL	\$ ***		TOTAL	\$ 740

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☒ Authorization is given to charge the Assignment Recordal Fee in the amount of \$ 40.00 to Deposit Account:  
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01-0484.  
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CHRISTOPHER F. REGAN  
☒ Please associate this application with Customer No. 27975.



27975

 CHARLES E. WANDS  
Reg. No. 25,649

December 5, 2001

J1040 U.S. PTO

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